

# Safety Data Sheet - Power Dri

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## Section 1: Identification

### GHS product identifier

Product name: Power Dri  
Product Code: N/A

Recommended use: Commercial Dishwasher Rinse Aid

Uses not recommended: Use only in commercial dish washing machines.

### Supplier details

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### Emergency telephone number

Infotrac: (800) 535-5053

## Section 2: Hazard identification

### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

### Classification of the substance or mixture

OSHA HCS 2012

Eye Damage/Irritation 2B (Mild Irritant)

### Label Elements

OSHA HCS 2012

### Hazard Statements

### Warning

H320 Causes eye irritation.

### Precautionary Statements

#### Prevention

P264 Wash hands and skin after handling.

#### Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical attention or advice.

#### Storage/Disposal

### Other hazards

OSHA HCS 2012

No data available.

## Other information NFPA



## Section 3: Composition/Information on Ingredients

### Substances

Material does not meet the criteria of a substance.

### Mixtures

Nonionic Surfactants	[ ] CAS No. Not specified	5% - 18%
Proprietary Materials	[None Specified] CAS No. N/A	0% - 12%

See section 11 for toxicological information.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

#### Skin:

IF ON SKIN: Wash with plenty of soap and water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a poison center or doctor/physician if you feel unwell.

#### Eye:

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention.

#### Ingestion:

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt, or waistband. If large quantities are swallowed, get emergency medical help immediately.

### Most important symptoms and effects, both acute and delayed

Substance may cause slight skin irritation. May cause pain, conjunctivitis of the eyes or burns. Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge with chest pain and coughing. May affect respiration experienced as audible respiration, and mouth breathing, and distended abdomen. Exposure to high aerosol concentrations for a prolonged period of time may result in suffocation. Ingestion may cause nausea, vomiting and abdominal pain. May cause diarrhea. Aspiration into lungs may occur during ingestion or vomiting resulting in lung injury.

### Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient. Treat symptomatically. Prolonged overexposure may result in kidney or liver damage.

## Section 5: Fire-Fighting Measures

### Extinguishing media

#### Suitable extinguishing media:

Dry chemical. Large Fire: Water spray, fog, or foam.

#### Unsuitable extinguishing media:

Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture

#### Unusual fire and explosion hazards:

May be combustible at high temperatures.

Hazardous combustion products:

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

Advice for firefighters

Use water spray to cool containers exposed to fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

Emergency procedures:

As an immediate precautionary measure, isolate spill or leak for at least 50 meters.

Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.

### Methods and material for containment and clean-up

Prevent further leakage or spillage if safe to do so. Dilute small spills or leaks with plenty of water. Absorb with inert material, and then place in suitable container for chemical waste. Keep in suitable, closed containers for disposal. For large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Small spills may be permitted to be flushed to a sanitary sewer. Check with local authorities before proceeding. Dilute with water and clean up.

## Section 7: Handling and Storage

### Precautions for safe handling

Handling:

Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Ground/bond container and receiving equipment. Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

Storage:

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from sources of ignition. Keep away from heat. Store away from incompatible materials. Do not store above 24°C/75.2°F.

Incompatible materials or ignition sources:

Oxidizing agents. Acids. Alkalis.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

Component	Result	Exposure Limits/Guidelines		
		NIOSH	ACGIH	Canada Ontario
Nonionic Surfactants CAS No. Not specified	STELs	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	Data lacking
	TWAs	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	Data lacking
Proprietary Materials CAS No. N/A	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking

### Exposure controls

Engineering measures and controls:

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Incompatible materials or ignition sources:

Pictograms:



Respiratory:

Not required.

Eye and face:

Must wear goggles when using this product.

Hands:

Skin and body: Must wear chemical protective gloves when using this product.  
 General industrial hygiene considerations: Chemical protective clothing not required but may be employed if desired.  
 Environmental exposure controls: Wash contaminated clothing before reuse  
 Follow best practice for site management and disposal of waste. Avoid release to the environment.

**Key to Abbreviations**  
 AICGHI= American Conference of Governmental Industrial Hygiene  
 OSHA =Occupational Safety and Health Administration  
 MSHA = Mine Safety and Health Administration  
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures  
 NIOSH= National Institute of Occupational Safety and Health  
 STEV = Short Term Exposure Value  
 STEL = Short Term Exposure Limits are based on 15-minute exposures

## Section 9: Physical and Chemical Properties

### Information on physical and chemical properties

<b>Material Description</b>				
<b>Physical Form</b>	Liquid		<b>Appearance/Description</b>	Liquid
<b>Color</b>	Clear, pale blue		<b>Odor</b>	Bright fragrance
<b>Taste</b>	Data lacking		<b>Particulate Type</b>	Not relevant
<b>Particulate Size</b>	Not relevant		<b>Aerosol Type</b>	Not relevant
<b>Odor Threshold</b>	Data lacking		<b>Physical and Chemical Properties</b>	Data lacking
<b>General Properties</b>				
<b>Boiling Point</b>	> 255		<b>Melting Point</b>	Data lacking
<b>Decomposition Temperature</b>	Data lacking		<b>Heat of Decomposition</b>	Data lacking
<b>pH</b>	7		<b>Specific Gravity/Relative Density</b>	Water = 1
<b>Density</b>	Data lacking		<b>Bulk Density</b>	Data lacking
<b>Water Solubility</b>	Soluble in water		<b>Solvent Solubility</b>	Data lacking
<b>Viscosity</b>	Data lacking		<b>Explosive Properties</b>	Classification criteria not met
<b>Oxidizing Properties:</b>	Data lacking			
<b>Volatility</b>				
<b>Vapor Pressure</b>	Data lacking		<b>Vapor Density</b>	Data lacking
<b>Evaporation Rate</b>	Water = 1		<b>VOC (Wt.)</b>	Data lacking
<b>VOC (Vol.)</b>	Data lacking		<b>Volatiles (Wt.)</b>	Data lacking
<b>Volatiles (Vol.)</b>	Data lacking			
<b>Flammability</b>				
<b>Flash Point</b>	Not applicable		<b>UEL</b>	Not applicable
<b>LEL</b>	Not applicable		<b>Autoignition</b>	Not applicable
<b>Self-Accelerating Decomposition Temperature (SADT)</b>	Data lacking		<b>Heat of Combustion (ΔHc)</b>	Data lacking
<b>Burning Time</b>	Data lacking		<b>Flame Duration</b>	Data lacking
<b>Flame Height</b>	Data lacking		<b>Flame Extension</b>	Data lacking
<b>Ignition Distance</b>	Data lacking		<b>Flammability (solid, gas)</b>	Not applicable
<b>Environmental</b>				
<b>Half-Life</b>	Data lacking		<b>Octanol/Water Partition coefficient</b>	Data lacking
<b>Coefficient of water/oil distribution</b>	Data lacking		<b>Bioaccumulation Factor</b>	Data lacking
<b>Bioconcentration Factor</b>	Data lacking		<b>Biochemical Oxygen Demand BOD/BOD5</b>	Data lacking
<b>Chemical Oxygen Demand</b>	Data lacking		<b>Persistence</b>	Data lacking
<b>Degradation</b>	Data lacking			

## Section 10: Stability and Reactivity

### Reactivity

Not reactive under normal conditions.

Chemical stability	Stable under recommended storage conditions.
Possible hazardous reactions	None under normal processing. Avoid strong bases at high temperatures. Strong oxidizing agents. Avoid strong acids and materials reactive with hydroxyl compounds.
Conditions to avoid	Avoid prolonged excess heat which may cause product decomposition. Incompatible Materials.
Incompatible materials	Oxidizing agents. Acids. Alkalis.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).

## Section 11: Toxicological Information

### Information on toxicological effects

Component	CAS No.	Data
Nonionic Surfactants	Not specified	Dermal LD50: 1800 µL/kg ( Rabbit ) Data lacking Data lacking
Proprietary Materials	N/A	Data lacking Data lacking Data lacking

### Target organs

May affect behavior (somnia, tremor), respiratory system (acute pulmonary edema), metabolism and liver.

### Routes of entry and/or exposure

No data available.

### Potential health effects

#### Inhalation

Acute (immediate):

Mist may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge with chest pain and coughing. May affect respiration experienced as audible respiration, and mouth breathing, and distended abdomen

Chronic (delayed):

Exposure to high aerosol concentrations for a prolonged period of time may result in suffocation.

#### Skin

Acute (immediate):

Substance may cause slight skin irritation.

Chronic (delayed):

No data available.

#### Ingestion

Acute (immediate):

No data available.

Chronic (delayed):

No data available.

#### Eye

Acute (immediate):

May cause pain, conjunctivitis of the eyes or burns.

Chronic (delayed):

No data available.

## Section 12: Ecological Information

### Toxicity

Material data lacking.

### Persistence and degradability

Material data lacking.

### Bioaccumulative potential

Material data lacking.

### Mobility in soil

Material data lacking.

### Other adverse effects

No studies have been found.

### Other information

No additional information available.

## Section 13: Disposal Considerations

### Waste treatment methods

Product waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

Dispose of packaging in accordance with local, state and federal regulations.

## Section 14: Transport Information

Special precautions for user

Transport containers shall be physically secured to the transporting vehicle to prevent accidental loss, tampering, or unauthorized removal.

Transport in bulk according to annex II of MARPOL 73/78 and the IBC code

## Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Not classified as hazardous.

## Section 16: Other Information

Last revision date:

2/9/2016

Preparation date:

3/18/2016

Disclaimer and statement of liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.